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1600

RAW SEQUENCE LISTING

DATE: 07/02/2003

PATENT APPLICATION: US/09/657,336A

TIME: 11:44:00

Input Set : A:\SEQLIST500862001500.txt

Output Set: N:\CRF4\07022003\I657336A.raw

3 <110> APPLICANT: BRIDON, Dominique P.
4 DUFRESNE, Robert S.
5 BOUDJELLAB, Nissab
6 ROBITAILLE, Martin
7 MILNER, Peter G.
9 <120> TITLE OF INVENTION: LONG LASTING FUSION PEPTIDE INHIBITORS OF VIRAL
10 INFECTION
12 <130> FILE REFERENCE: 500862001500/REDC-1511 USA
14 <140> CURRENT APPLICATION NUMBER: US 09/657,336A
15 <141> CURRENT FILING DATE: 2000-09-07
17 <150> PRIOR APPLICATION NUMBER: US 60/153,406
18 <151> PRIOR FILING DATE: 1999-09-10
20 <160> NUMBER OF SEQ ID NOS: 545
22 <170> SOFTWARE: PatentIn Ver. 2.1
24 <210> SEQ ID NO: 1
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26 <212> TYPE: PRT
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37 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
38 20 25 30
40 Trp Asn Trp Phe
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58 20 25 30
60 Arg Tyr Leu Lys Asp Gln
61 35
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91     peptide
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95   1             5             10             15
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134 Leu Glu Ala Asn Ile Ser Lys Ser Leu Glu Gln Ala Gln Ile Gln Gln
135   1           5           10           15
137 Glu Lys Asn Met Tyr Glu Leu Gln Lys Leu Asn Ser Trp Asp Ile Phe
138           20           25           30
140 Gly Asn Trp Phe
141           35
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151 peptide
153 <400> SEQUENCE: 7
154 Leu Glu Ala Asn Ile Ser Gln Ser Leu Glu Gln Ala Gln Ile Gln Gln
155   1           5           10           15
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158           20           25           30
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161           35
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165 <211> LENGTH: 41
166 <212> TYPE: PRT
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171 peptide
173 <400> SEQUENCE: 8
174 Cys Gly Gly Asn Asn Leu Leu Arg Ala Ile Glu Ala Gln Gln His Leu
175   1           5           10           15
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178           20           25           30
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181           35           40
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194 Gln Gln Leu Leu Asp Val Val Lys Arg Gln Gln Glu Met Leu Arg Leu
195   1           5           10           15
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198           20           25           30
200 Lys Tyr Leu Lys Asp Gln
201           35
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215   1               5               10               15
217 Cys Asn Gly Ala Lys Val Lys Leu Ile Lys Gln Glu Leu Asp Lys Tyr
218               20               25               30
220 Lys Asn Ala Val Thr Glu Leu Gln Leu Leu Met Gln Ser Thr
221   35               40               45
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225 <211> LENGTH: 54
226 <212> TYPE: PRT
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231     peptide
233 <400> SEQUENCE: 11
234 Ala Ser Gly Val Ala Val Ser Lys Val Leu His Leu Glu Gly Glu Val
235   1               5               10               15
237 Asn Lys Ile Ala Leu Leu Ser Thr Asn Lys Ala Val Val Ser Leu Ser
238               20               25               30
240 Asn Gly Val Ser Val Leu Thr Ser Lys Val Leu Asp Leu Lys Asn Tyr
241   35               40               45
243 Ile Asp Lys Gln Leu Leu
244   50
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256 <400> SEQUENCE: 12
257 Gly Glu Pro Ile Ile Asn Phe Tyr Asp Pro Leu Val Phe Pro Ser Asp
258   1               5               10               15
260 Glu Phe Asp Ala Ser Ile Ser Gln Val Asn Glu Lys Ile Asn Gln Ser
261               20               25               30
263 Leu Ala Phe Ile Arg Lys Ser Asp Glu Leu Leu His Asn Val Asn Ala
264   35               40               45
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271 <211> LENGTH: 48
272 <212> TYPE: PRT
273 <213> ORGANISM: Artificial Sequence

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275 <220> FEATURE:
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279 <400> SEQUENCE: 13
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281   1           5           10           15
283 Cys Asn Gly Thr Asp Ala Lys Val Lys Leu Ile Lys Gln Glu Leu Asp
284           20           25           30
286 Lys Tyr Lys Asn Ala Val Thr Glu Leu Gln Leu Leu Met Gln Ser Thr
287   35           40           45
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302 <400> SEQUENCE: 14
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306 Cys Asn Gly Asp Ala Lys Val Lys Leu Ile Lys Gln Glu Leu Asp Lys
307           20           25           30
309 Tyr Lys
313 <210> SEQ ID NO: 15
314 <211> LENGTH: 34
315 <212> TYPE: PRT
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322 <400> SEQUENCE: 15
323 Thr Ser Val Ile Thr Ile Glu Leu Ser Asn Ile Lys Glu Asn Lys Cys
324   1           5           10           15
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327           20           25           30
329 Lys Asn
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344   1           5           10           15
346 Asp Ala Lys Val Lys Leu Ile Lys Gln Glu Leu Asp Lys Tyr Lys Asn
347           20           25           30
349 Ala Val

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VERIFICATION SUMMARY

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